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=> s hydroypatite or PHA

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=> s hydroxyapatite or PHA

L1 97289 HYDROXYAPATITE OR PHA

=> s mak? or prepar?

3 FILES SEARCHED...

L2 6876359 MAK? OR PREPAR?

=> s l1 and l2

L3 18976 L1 AND L2

=> s 13 and method

L4 11579 L3 AND METHOD

=> s 14 and ((calcium sulfate) or CaSO4)

L5 452 L4 AND ((CALCIUM SULFATE) OR CASO4)

=> s 15 and ((sodium phosphate) or Na3PO4)

L6 66 L5 AND ((SODIUM PHOSPHATE) OR NA3PO4)

=> s 16 and ((CaCO3) or (calcium carbonate))

L7 47 L6 AND ((CACO3) OR (CALCIUM CARBONATE))

=> s 17 and (magnesium salt#)

L8 2 L7 AND (MAGNESIUM SALT#)

=> d 18 1-2 ibib ab

L8 ANSWER 1 OF 2 USPATFULL

ACCESSION NUMBER: 2002:30405 USPATFULL
TITLE: Biocements having improved compressive strength
INVENTOR(S): Wenz, Robert, Wollstadt, GERMANY, FEDERAL REPUBLIC OF
Driessens, Ferdinand, ohe en Laak, NETHERLANDS

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002017220	A1	20020214
APPLICATION INFO.:	US 2001-853042	A1	20010511 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2000-110045	20000512
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON BLVD., SUITE 1400, ARLINGTON, VA, 22201	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	270	

AB The invention describes biodegradable calcium phosphate cements, in particular mixtures of calcium phosphate-containing powders of different stoichiometric composition, the precipitated hydroxylapatite present being a cation-deficient hydroxylapatite of the formula 1, with the result that the mixtures have improved properties with regard to compressive strength.

L8 ANSWER 2 OF 2 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 1179568 EUROPATFULL EW 200207 FS OS
TITLE: POLYAMIDE RESIN COMPOSITION.
POLYAMIDHARZZUSAMMENSETZUNG.
COMPOSITION DE RESINE POLYAMIDE.
INVENTOR(S): ARAMAKI, Masaaki, 12-7-201, Midorigaoka 4-chome,
Nobeoka-shi, Miyazaki 882-0863, JP;
WATANABE, Katsushi, 334-11, Sakurakouji, Nobeoka-shi,
Miyazaki 882-0816, JP;

Same as 2001-853042
Same as 2001-853042
AM

NAKASHIMA, Ikutoshi, 2633-9, Wababacho 2-chome,
 Nobeoka-shi, Miyazaki 882-0875, JP
 PATENT ASSIGNEE(S): Asahi Kasei Kabushiki Kaisha, 2-6, Dojimahama 1-chome,
 Kita-ku, Osaka-shi, Osaka 530-8205, JP
 PATENT ASSIGNEE NO: 219576
 AGENT: Blake, John Henry Francis, Brookes Batchellor 102-108
 Clerkenwell Road, London EC1M 5SA, GB
 AGENT NUMBER: 28375
 OTHER SOURCE: BEPA2002015 EP 1179568 A1 0051
 SOURCE: Wila-EPZ-2002-H07-T1a
 DOCUMENT TYPE: Patent
 LANGUAGE: Anmeldung in Japanisch; Veroeffentlichung in Englisch;
 Verfahren in Englisch
 DESIGNATED STATES: R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R
 GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R
 SE; R TR; R AL; R LT; R LV; R MK; R RO; R SI
 PATENT INFO.PUB.TYPE: EPAL EUROPAEISCHE PATENTANMELDUNG (Internationale
 Anmeldung)

PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 1179568	A1	20020213
'OFFENLEGUNGS' DATE:		20020213
APPLICATION INFO.:	EP 2001-904462	20010215
PRIORITY APPLN. INFO.:	JP 2000-2000037533	20000216
	JP 2000-2000037534	20000216
	JP 2000-2000041533	20000218
RELATED DOC. INFO.:	WO 01-JP1067	010215 INTAKZ
	WO 0160918	010823 INTPNR

ABEN The present invention provides a polyamide resin composition suitable
 as
 industrial materials such as automobile parts, electronic or electrical
 parts, and industrial machine parts, and excellent in various
 mechanical
 properties such as various kinds of moldability, rigidity, and
 strength,
 and durability such as heat-resistant aging property.
 Namely, the invention relates to a polyamide resin composition
 comprising (A) a polyamide, (B) an apatite type compound, and (C) (i) a
 higher fatty acid metal salt and/or (ii) a mixture of a metal halide
 and
 a copper compound, wherein the polyamide resin composition is
 obtainable
 by adding component (C) after the formation of the apatite type
 compound.

WEST**The Contents of Case 09853042**

Qnum	Query	DB Name	Thesaurus	Operator	Plural
Q1	(bone or calcium or (calcium phosphate)) and cement?	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES
Q2	Q1 and (TCP or (tricalcium phosphate))	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES
Q3	Q2 and (PHA or hydroxyapatite or hydroxylapatite)	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES
Q4	Q3 and ((inorganic phosphate) or CaHP04 or (apatite and carbonate))	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES
Q5	Q4 and (particle size)	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES
Q6	Q5 and (compressive strength)	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES
Q7	Q6 and (weight percent\$)	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES
Q8	Q7 and (settling accelerator)	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES
Q9	Q8 and ((drug delivery) or (biologically active) or bioactive or drug)	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES
Q10	Q9 and (antibiotic or disinfectant)	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES
Q11	Q10 and (solution or suspension or paste)	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES
Q12	Q11 and ((growth factor) or prostaglandin or (bone morphogenic protein) or (tissue growth factor) or (fibroblast growth factor) or TGFBetaor BMP or OP or FGF)	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	None	OR	YES

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	U	1	Document ID	Issue Date	Pages
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20020017220 A1	20020214	5
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20010016353 A1	20010823	8
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6379453 B1	20020430	16
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4610692 A	19860909	8
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4207306 A	19800610	16
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4097935 A	19780704	19

	Title	Current OR	Current XRef
1	Biocements having improved compressive strength	106/35	106/690; 106/691; 623/23.56; 623/23.61; 623/23.62
2	Relic process for producing resorbable ceramic scaffolds	435/395	264/610
3	Process for producing fast-setting, bioresorbable calcium phosphate cements	106/690	106/35; 106/691
4	Implant for filling bone cavities and fixing bone fragments in a living body, method of producing the same, and bone implant system	424/422	264/43; 264/44; 424/423; 424/602; 424/679; 424/680; 424/723; 427/245; 427/373; 523/116; 623/23.48
5	Process for producing polycrystalline ceramic oxides	423/633	423/594; 423/598; 423/625; 423/636; 501/1
6	Hydroxylapatite ceramic	623/23.61	106/35; 423/307; 423/594; 423/598; 423/625; 423/633; 423/634; 423/636; 433/228.1; 501/1; 501/151; 523/116; 623/9

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Wenz, Robert et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2		Janas, Victor F. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3		Lin, Jiin-Huey Chern et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4		Eitenmuller, Jurgen et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5		Jarcho, Michael	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6		Jarcho, Michael	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Image Doc. Displayed	PT
1	US 20020017220	<input type="checkbox"/>
2	US 20010016353	<input type="checkbox"/>
3	US 6379453	<input type="checkbox"/>
4	US 4610692	<input type="checkbox"/>
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